ABSTRACT OF THE DISCLOSURE

In a process for surface-treating a plurality of works, the surfaces of the works are treated in a treating chamber, while being rotated about their axes, or about a rotational axis, or about their axes and about the rotational axis. The works are supported in a support member which may be comprised of an upper cage and a lower cage including a large number of compartments, so that the cages are openable and closable in a lengthwise direction. The support member may be comprised of plate-like elements openably and closably foldable in a lengthwise direction, so that a plurality of narrow sections each having a length corresponding to an inside diameter of a work are defined in opened states of the plate-like elements. The works may be supported in a holder which is formed by coiling a wire at distances in such a manner that it is formed as a spring-like tubular structure, so that the works can be accommodated in the tubular structure. A surface treating apparatus for use in the surface treating process includes a treating material source provided within a treating chamber, so that a treating material released from the treating material source is delivered to reach works for a surface treatment, and a means for rotating a support member supporting the works about its axis, or about a rotational axis, or about its axis and about the rotational axis. Thus, the works can be surface-treated simultaneously and uniformly, while being rotated about their

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axes, or about the rotational axis, or about their axes and about the rotational axis.